



# Crop Progress and Condition



## National Agricultural Statistics Service

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For Week Ending: May 17, 2015

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**ALASKA:** There were **7.0 days suitable for fieldwork** last week. Temperatures were above normal with the major growing areas receiving little precipitation. **Progress of fieldwork** was reported as on schedule statewide. **Local hay supplies** were reported as 10% very short, 0% short, 85% adequate, 5% surplus. **Condition of livestock** was reported as 20% fair, 40% good, 40% excellent. **Condition of range and pasture** was reported as 50% fair, 50% good.

**TANANA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Progress of fieldwork** was reported as on schedule. **Local hay supplies** were reported as 95% adequate, 5% surplus. **Condition of livestock** was reported as 20% fair, 40% good, 40% excellent. **Farm activities** for the week included seeding barley, baling hay/straw, fertilizing, spreading manure, fence repair, high tunnel and greenhouse planting/transplanting.

**MATANUSKA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Progress of fieldwork** was reported as on schedule. **Local hay supplies** were reported as 95% adequate, 5% surplus. **Condition of livestock** was reported as 10% fair, 40% good, 50% excellent. **Farm activities** for the week included planting vegetables and small grains, fertilizing fields, cultivating fields, irrigating, fence repair, greenhouse and high tunnel work.

**KENAI PENINSULA:** An average of **7.0 days was suitable for fieldwork**. **Progress of fieldwork** was reported as a week ahead of schedule. **Local hay supplies** were reported as 100% short. **Farm activities** for the week included fertilizing fields, early roguing for weeds, greenhouse and high tunnel work.

### Soil Moisture -- Alaska

	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil Moisture – State .....	0	30	70	0
Tanana Valley.....	0	28	70	2
Matanuska Valley.....	0	30	70	0
Kenai Peninsula.....	0	20	80	0
Subsoil Moisture – State .....	0	25	70	5
Tanana Valley.....	0	30	70	0
Matanuska Valley.....	0	20	70	10
Kenai Peninsula.....	0	10	90	0

### Soil Temperatures (F°) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2015	2014	2013	2015	2014	2013	High	Low	
UAF-AFES, Trunk Rd.....	45	42	na	51	49	na	67	33	0.10
Sawmill Creek.....	37	38	31	na	na	na	79	26	0.00
Plant Materials Center.....	45	51	35	46	49	35	68	32	0.00

Pan Evaporation<sup>1/</sup> UAF-AFES, Matanuska Experiment Farm, Palmer: 1.262

<sup>1/</sup> Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

### Crop Progress -- Alaska

	Percent completed			
	This week	Last week	Last year	5 year average
	(percent)	(percent)	(percent)	(percent)
Barley Planted.....	20	na	75	42
Oats Planted.....	5	na	60	19
Potatoes Planted.....	10	na	15	8

na – not available

## Weekly Weather Statistics — Alaska: May 11 - May 17, 2015

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	76	35	54	+7	0.00	0	0.17	-0.07	1	35	+30	168
Fairbanks-Eielson .....	77	29	52	+4	0.01	1	0.22	-0.03	2	22	+17	131
Nenana .....	76	31	54	+7	0.00	0	0.32	+0.21	1	38	+37	164
Fort Greely-Allen .....	73	36	54	+7	0.00	0	0.02	-0.22	1	36	+14	152
Healy River Airport .....	70	32	51	+6	0.08	1	0.42	+0.17	6	17	+20	123
Gulkana Airport .....	71	32	50	+7	0.00	0	0.16	-0.06	2	13	+13	110
Sutton .....	62	35	48	+4	0.12	2	1.05	+0.68	7	1	+1	96
Palmer .....	69	37	52	+5	0.01	1	0.04	-0.27	3	20	+12	165
Talkeetna .....	69	33	50	+6	0.10	1	0.95	+0.13	6	10	+12	130
Willow Airport .....	64	37	51	+6	0.09	2	0.78	+0.47	8	14	+14	147
Anchorage International .....	62	38	50	+5	0.00	0	0.31	-0.03	2	9	+5	130
Kenai .....	62	33	46	+3	0.25	3	0.69	+0.18	7	1	+1	77
Homer .....	60	37	50	+7	0.10	3	0.29	-0.36	6	7	+7	140
Kodiak .....	58	40	46	+4	1.87	4	5.75	+2.29	12	0	+0	81

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2015.

For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955.

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